

Coast Guard, DHS

§ 35.35–35

Declaration of Inspection Before Transfer of Liquid Cargo in Bulk

Date _____
Vessel _____
Port of _____
Product[s] _____ being _____ transferred—
(Classification[s] and Kind[s]) _____

I, _____, the person in charge of the transfer of liquid cargo in bulk about to begin, do certify that I have personally inspected this vessel with reference to the following requirements set forth in 46 CFR 35.35–20, and that opposite each of the applicable items listed below I have indicated whether the vessel complies with all pertinent regulations.

- (1) Are warnings displayed as required?
- (2) Is there any repair work in way of cargo spaces being carried on for which permission has not been given?
- (3) Have cargo connections been made as described in 46 CFR 35.35–15 and are cargo valves set?
- (4) Have all cargo connections been made to the vessel's pipeline and not through an open-end hose led through a hatch?
- (5) Are there any fires or open flames present on the deck or in any compartment which is located on, open or adjacent to or facing the main deck of the vessels on which the cargo connections have been made?
- (6) Has the shore terminal or other tank vessel concerned reported itself in readiness for transfer of cargo?
- (7) Are sea valves connected to the cargo piping system closed?
- (8) If Grades, A, B, or C cargoes are to be loaded and boiler fires are lighted, has an inspection been made to determine whether these fires may be maintained with reasonable safety?
- (9) If Grades A, B, or C cargoes are to be loaded and galley fires are lighted, has an inspection been made to determine whether the galley fires may be maintained with reasonable safety?
- (10) If Grades A, B, or C cargoes are to be loaded, has an inspection been made to determine whether smoking is to be permitted in areas not on the weather decks?
- (11) If smoking is to be permitted in areas not on the weather decks, have those areas been designated?
- (12) Is the inert gas system being operated as necessary to maintain an inert atmosphere in the cargo tanks in compliance with 46 CFR 32.53–5?
- (13) Have the applicable sections of the vessel response plan been reviewed before commencing transfer, and arrangements or contingencies made for implementation of the Plan should the need arise?

(c) In addition to the requirements in paragraph (b) of this section, if a transfer operation includes the collection of cargo vapor from a vessel's cargo tanks through a vapor control system not located on the vessel, the Declaration of Inspection must include the following as an appendix:

- (1) Is each part of the vapor collection system aligned to allow vapor to flow to the facility vapor connection or, if lightering, to the other vessel?
- (2) Are the vapor collection hoses or arms connected to the vessel's vapor collection connection?
- (3) Are the vessel and facility vapor connections electrically isolated?
- (4) Have the initial transfer rate and the maximum transfer rate been determined?
- (5) Have the maximum and minimum operating pressures at the facility vapor connection, or the vessel vapor connection if lightering, been determined?
- (6) Have all alarms required by §§ 39.20–7, 39.20–9 and 39.40–3(a) of this subchapter been tested within 24 hours prior to the start of the transfer operation and found to be operating properly?
- (7) Is each vapor recovery hose free of unrepaired loose covers, kinks, bulges, soft spots, or any other defect which would permit the discharge of vapors through the hose material, and gouges, cuts, or slashes that penetrate the first layer of hose reinforcement?
- (8) Has the oxygen concentration of all inerted cargo tanks been verified to be 8 percent or less?

[CGD 80–009, 48 FR 36459, Aug. 11, 1983, as amended by CGD 88–102, 55 FR 25446, June 21, 1990; CGD 79–116, 60 FR 17156, Apr. 4, 1995; CGD 79–116, 62 FR 25135, May 8, 1997]

§ 35.35–35 Duties of person in charge of transfer—TB/ALL.

The person in charge of the transfer of liquid cargo in bulk, fuel oil in bulk, or bunkers in bulk shall control the transfer as follows:

- (a) Supervise the operations of cargo-system valves.
- (b) Commence transfer of cargo at slow rate of cargo flow.
- (c) Observe cargo connections for leakage.
- (d) Observe pressure on cargo system.
- (e) If transfer is loading (rather than discharging), observe rate of loading to avoid overflow of tanks.

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(f) Comply with 33 CFR 156.120 and 156.150.

[CGD 79-116, 60 FR 17156, Apr. 4, 1995, as amended by CGD 79-116, 62 FR 25135, May 8, 1997]

§ 35.35-40 Conditions under which transfer operations shall not be commenced or if started shall be discontinued—TB/ALL.

Cargo transfer operations shall not be started or, if started, shall be discontinued under the following conditions:

(a) During severe electrical storms.

(b) If a fire occurs on the wharf or on the tanker or in the vicinity.

§ 35.35-42 Restrictions on vessels alongside a tank vessel loading or unloading cargo of Grade A, B, or C—TB/ALL.

(a) No vessel may come alongside or remain alongside a tank vessel in way of its cargo tanks while it is loading or unloading cargo of Grade A, B, or C without permission of the person in charge of the transfer on the tank vessel.

(b) No vessel may come alongside or remain alongside a tank vessel in way of its cargo tanks while it is loading or unloading cargo of Grade A, B, or C unless the conditions then prevailing are acceptable to the persons in charge of cargo-handling on both vessels.

[CGD 79-116, 60 FR 17156, Apr. 4, 1995]

§ 35.35-45 Auxiliary steam, air, or electric current—B/ALL.

When discharging cargo from one or more barges, the towing vessel may furnish steam, air, or electric current for pumps on barges or dock, but in no case shall the cargo pass through or over the towing vessel.

§ 35.35-50 Termination of transfer operations—TB/ALL.

(a) When transfer operations are completed the valves on cargo connections on the vessel shall be closed. The cargo connections shall be drained of cargo.

(b) [Reserved]

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§ 35.35-55 Transfer of other cargo or stores on tank vessels—TB/ALL.

(a) No packaged goods, freight, or ship's stores may be loaded or unloaded during the loading or unloading of cargo of Grade A, B, or C except by permission of the person in charge of the transfer of liquid cargo in bulk. No explosives may be loaded, unloaded, or carried as cargo on any tank vessel containing cargo of Grade A, B, or C.

(b) Where package and general cargo is carried directly over bulk cargo tanks, it shall be properly dunnaged to prevent chafing of metal parts and securely lashed or stowed.

[CGFR 65-50, 30 FR 16704, Dec. 30, 1965, as amended by CGD 79-116, 60 FR 17157, Apr. 4, 1995]

§ 35.35-60 Transportation of other cargo or stores on tank barges—B/ALL.

(a) Tank barges may be permitted to transport deck cargoes directly over bulk cargo spaces when the nature of such deck cargoes and the methods of loading and unloading same do not create an undue hazard. Such tank barges shall have their decks properly dunnaged to prevent chafing between the steel parts of the vessel and the deck cargo.

(b) [Reserved]

§ 35.35-70 Maintenance of cargo handling equipment—TB/ALL.

The cargo handling equipment shall be maintained by the tank vessel's personnel in accordance with the regulations in this subchapter, including the following:

(a) Cargo hose shall not be used in transfer operations in which the pressures are such that leakage of cargo occurs through the body of the hose.

(b) Cargo pump relief valves shall be tested at least once each year to determine that they function satisfactorily at the pressure at which they are set to open.

(c) Cargo pump pressure gage shall be tested at least once a year for accuracy.

(d) The cargo discharge piping of all tank vessels shall be tested at least once each year for tightness, at the maximum working pressure.